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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

GOTOU et al.

Application No.: Unassigned

Art Unit: Unassigned

Filed: June 18, 2001

Examiner: Unassigned

For: HIGH FREQUENCY
POWER AMPLIFIER

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Prior to the examination of the above-identified patent application, please enter the following amendments and consider the following remarks.

IN THE SPECIFICATION:

Replace the paragraph beginning at page 1, line 13 with:

In conventional high frequency power amplifiers used in microwave or millimetric-wave telecommunications equipment for mobile communications or satellite communications, it is well known that the efficiency of transistor operation is higher if the load at the frequencies of not only the fundamental waves but also higher harmonics of the output circuit of a transistor is controlled, as compared with the case where only the load of fundamental waves is controlled. Here, the fundamental waves are the waves that have the lowest frequency, and the higher harmonics are a series of waves, each of which has a frequency that is an integer multiple of the fundamental frequency.

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